

Alaska Career Lattice Science, Technology, Engineering and Math (STEM) Occupations

Accountants and Auditors
Actuaries
Administrators, Computer Systems
Administrators, Database
Administrators, Network and Computer Systems
Aerospace Engineering and Operations Technicians
Aerospace Engineers
Agricultural (Other) Managers
Agricultural and Food Science Technicians
Agricultural Engineers
Agricultural Sciences Teachers, Postsecondary
Analysts, Budget
Analysts, Computer System
Analysts, Credit
Analysts, Data Communications
Analysts, Financial
Analysts, Market Research
Analysts, Network System and Data Communications
Analysts, Operations Research
Anesthesiologists
Animal Scientists
Animators, Multi-Media
Anthropologists and Archeologists
Anthropology and Archeology Teachers, Postsecondary
Application Software Computer Engineer
Archeologists
Archeology Teachers, Postsecondary
Architects, Except Landscape and Naval
Architects, Landscape
Architects, Naval
Architectural and Civil Drafters
Architecture Teachers, Postsecondary
Artists, Multi-Media
Assistants, Physician
Assistants, Social Science Research
Assistants, Statistical
Astronomers
Atmospheric and Space Scientists
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary
Audio and Video Equipment Technicians
Audio-Visual Collections Specialists
Audiologists
Auditors
Biochemists and Biophysicists
Biological Science Teachers, Postsecondary
Biological Scientists, All Other
Biological Technicians
Biologists, Wildlife
Biomedical Engineers
Biophysicists
Broadcast Technicians
Budget Analysts
Building Inspectors
Cartographers and Photogrammetrists
Certified Public Accountant (see Accountants and Auditors)
Chemical Engineers
Chemical Plant and System Operators
Chemical Technicians
Chemistry Teachers, Postsecondary
Chemists

Chiropractors
City Planner (see Urban and Regional Planners)
Civil Drafters
Civil Engineering Technicians
Civil Engineers
Clinical Laboratory Technologists
Commercial and Industrial Designers
Computer and Information Scientists, Research
Computer and Information Systems Managers
Computer Graphics Illustrator (see Multi-Media Artists and Animators)
Computer Hardware Engineers
Computer Programmers
Computer Science Teachers, Postsecondary
Computer Software Engineers, Applications
Computer Software Engineers, Systems Software
Computer Specialists, All Other
Computer Support Specialists
Computer Systems Administrators
Computer Systems Analysts
Conservation Science Teacher, Postsecondary
Conservation Scientists
Conservation Technicians
Conservators
Construction and Building Inspectors
Cost Estimators
CPA (see Accountants and Auditors)
Credit Analysts
Data Communications Analysts
Database Administrators
Dentists, All Other Specialists
Dentists, General
Dentists, Oral and Maxillofacial Surgeons
Dentists, Orthodontist
Dentists, Prosthodontists
Designers, Commercial
Designers, Graphic
Designers, Industrial
Desktop Publishers
Diagnostic Medical Sonographers
Dietitians and Nutritionists
Drafters, All Other
Drafters, Architectural
Drafters, Civil
Drafters, Electrical and Electronics
Drafters, Mechanical
Earth Science Teachers, Postsecondary
Economics Teachers, Postsecondary
Economists
Editors, Film and Video
Editors, Video
Electrical and Electronic Engineering Technicians
Electrical and Electronics Drafters
Electrical Engineers
Electro-Mechanical Technicians
Electronics Engineers, Except Computer
Embalmers
Engineering Managers
Engineering Teachers, Postsecondary
Engineering Technicians, Aerospace
Engineering Technicians, Civil
Engineering Technicians, Electrical and Electronic
Engineering Technicians, Environmental
Engineering Technicians, Except Drafters, All Other
Engineering Technicians, Industrial
Engineering Technicians, Mechanical

Engineering Technicians, Sound
Engineers, Aerospace
Engineers, Agricultural
Engineers, All Other
Engineers, Biomedical
Engineers, Chemical
Engineers, Civil
Engineers, Computer Hardware
Engineers, Computer Software Applications
Engineers, Computer Systems Software
Engineers, Electrical
Engineers, Environmental
Engineers, Geological
Engineers, Industrial
Engineers, Marine
Engineers, Materials
Engineers, Mechanical
Engineers, Mining and Mining Safety
Engineers, Nuclear
Engineers, Petroleum
Engineers, Sales
Engineers: Electronics, Except Computer
Engineers: Health and Safety, Except Mining Safety Engineers and Inspectors
Engineers: Safety, Except Mining Safety Engineers and Inspectors
Environmental Engineering Technicians
Environmental Engineers
Environmental Science and Protection Technicians, Including Health
Environmental Science Teachers, Postsecondary
Environmental Scientists and Specialists, Including Health
Epidemiologists
Estimators, Cost
Family and General Practitioners
Farm, Ranch, and Other Agricultural Managers
Farmers and Ranchers
Film and Video Editors
Financial Analysts
Financial Specialists, All Other
Fire Inspectors and Investigators
Fire Investigators
Food Science Technicians
Food Scientists and Technologists
Forensic Science Technicians
Forest and Conservation Technicians
Foresters
Forestry and Conservation Science Teachers, Postsecondary
General Internists
General Practitioners, Physicians
Geographers
Geography Teachers, Postsecondary
Geological and Petroleum Technicians
Geological Engineers, Including Mining Safety Engineers
Geoscientists, Except Hydrologists and Geographers
Graphic Designers
Gynecologists
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
Health Diagnosing and Treating Practitioners, All Other
Help Desk Technician (see Computer Support Specialists)
Hydrologists
Illustrator (see Multi-Media Artists and Animators)
Industrial Designers
Industrial Engineering Technicians
Industrial Engineers
Industrial-Organizational Psychologists
Information Scientists, Research
Information Systems Manager

Inspectors, Building
Inspectors, Construction and Building
Inspectors, Fire
Internet Developer (see Network Systems and Data Communications Analysts)
Internists, General
Investigators, Fire
IT Technician (see Computer Support Specialists)
Laboratory Technologists, Clinical
Laboratory Technologists, Medical and Clinical
Landscape Architects
Layout Artist (see Graphic Designers)
Life Scientists, All Other
Life, Physical, and Social Science Technicians, All Other
Logisticians
Managers, Agricultural, Other
Managers, Computer and Information Systems
Managers, Engineering
Managers, Farm, Ranch and Other Agricultural
Managers, Information Systems
Managers, Natural Sciences
Mapper (see Cartographers and Photogrammetrists)
Mapping Technicians
Marine Engineers and Naval Architects
Marine Science Teachers, Postsecondary
Market Research Analysts
Materials Engineers
Materials Scientists
Mathematical Science Teachers, Postsecondary
Mathematical Scientists, All Other
Mathematical Technicians
Mathematicians
Maxillofacial Surgeons
Mechanical Drafters
Mechanical Engineering Technicians
Mechanical Engineers
Medical and Clinical Laboratory Technologists
Medical Scientists, Except Epidemiologists
Meteorologist (see Atmospheric and Space Scientists)
Microbiologists
Mining and Geological Engineers, Including Mining Safety Engineers
Multi-Media Artists and Animators
Museum Technicians and Conservators
Natural Sciences Managers
Naval Architects
Network and Computer Systems Administrators
Network Systems and Data Communications Analysts
Nuclear Engineers
Nuclear Medicine Technologists
Nuclear Technicians
Numerical Tool and Process Control Programmers
Nurse Midwife, Certified
Nurse Practitioner
Nurse Practitioner (see Registered Nurses)
Nurses, Registered
Nurses, RN
Nursing Supervisor
Nutritionists and Dietitians
OB/GYN (see Obstetricians and Gynecologists)
Obstetricians and Gynecologists
Occupational Health and Safety Specialists
Occupational Health and Safety Technicians
Operations Research Analysts
Operators, Chemical Plant and System
Optometrists
Oral and Maxillofacial Surgeons

Organizational Psychologists, Industrial
Orthodontists
Orthotists and Prosthetists
Pediatricians, General
Petroleum Engineers
Petroleum Technicians
Pharmacists
Photogrammetrists
Physical Science Technicians, All Other
Physical Scientists, All Other
Physician Assistants
Physicians and Surgeons, All Other
Physicians, Family and General Practitioners
Physicians, General Practitioners
Physicians, Gynecology
Physicians, Obstetrics and Gynecology
Physicians, Optometry
Physicians, Psychiatrists
Physicians: Internists, General
Physicians: Pediatricians, General
Physicists
Physics Teachers, Postsecondary
Planners, Regional
Planners, Urban and Regional
Plant Operators, Chemical
Plant Scientists
Podiatrists
Pollsters (see Survey Researchers)
Process Control Programmers
Programmers, Computer
Programmers, Numerical Tool and Process Control
Programmers, Process Control
Prosthetists and Orthotists
Prosthodontists
Protection Technicians, Including Health
Psychiatrists
Psychologists, Industrial Organizational
Public Health Nurse (see Registered Nurses)
Publishers, Desktop
Radiation Therapists
Radiologic Technologists and Technicians
Ranch Managers
Ranchers and Farmers
Recording Engineer (see Sound Engineering Technicians)
Regional Planners
Registered Nurses
Research Analysts, Market
Research Assistants, Social Science
Researchers, Survey
Respiratory Therapists
Respiratory Therapy Technicians
RN (Registered Nurse)
Safety Engineers, Except Mining Safety Engineers and Inspectors
Safety Engineers, Mining
Safety Specialists, Occupational
Safety Technicians, Occupational
Sales Engineers
Scientists, Animal
Scientists, Atmospheric and Space
Scientists, Computer and Information Research
Scientists, Conservation
Scientists, Food
Scientists, Information Research
Scientists, Materials
Scientists, Plant

Scientists, Soil and Plant
Scientists, Space
Scientists: Biological, All Other
Scientists: Environmental, Including Health
Scientists: Life, All Other
Scientists: Mathematical, All Other
Scientists: Medical, Except Epidemiologists
Scientists: Physical, All Other
Social Science Research Assistants
Social Science Technicians, All Other
Sociologists
Sociology Teachers, Postsecondary
Soil and Plant Scientists
Sonographers, Diagnostic Medical
Sound Engineering Technicians
Space Science Teachers, Postsecondary
Space Scientists
Specialists, Audio-Visual Collections
Specialists, Computer Support
Specialists, Occupational Health and Safety
Specialists: Computer, All Other
Specialists: Environmental, Including Health
Specialists: Financial, All Other
Specialists: Safety, Occupational
Statistical Assistants
Statisticians
Surgeons
Surgeons, Maxillofacial
Surgeons, Oral and Maxillofacial
Survey Researchers
Surveying and Mapping Technicians
Surveyors
System Operators: Chemical, Plant
Systems Analysts, Computer
Systems Programmer (see Computer Programmers)
Tax Accountant (see Accountants and Auditors)
Teachers: Agricultural Sciences, Postsecondary
Teachers: Anthropology, Postsecondary
Teachers: Archeology, Postsecondary
Teachers: Architecture, Postsecondary
Teachers: Atmospheric Science, Postsecondary
Teachers: Biological Science, Postsecondary
Teachers: Chemistry, Postsecondary
Teachers: Computer Science, Postsecondary
Teachers: Conservation Science, Postsecondary
Teachers: Earth Science, Postsecondary
Teachers: Economics, Postsecondary
Teachers: Engineering, Postsecondary
Teachers: Environmental Science, Postsecondary
Teachers: Forestry, Postsecondary
Teachers: Geography, Postsecondary
Teachers: Marine Science, Postsecondary
Teachers: Mathematical Science, Postsecondary
Teachers: Physics, Postsecondary
Teachers: Sociology, Postsecondary
Teachers: Space Science, Postsecondary
Technicians, Aerospace Engineering and Operations
Technicians, Agricultural and Food Science
Technicians, Audio Equipment
Technicians, Biological
Technicians, Broadcast
Technicians, Chemical
Technicians, Civil Engineering
Technicians, Conservation
Technicians, Electrical and Electronic Engineering

Technicians, Electro-Mechanical
 Technicians, Environmental Engineering
 Technicians, Food Science
 Technicians, Forensic Science
 Technicians, Forest
 Technicians, Geological
 Technicians, Industrial Engineering
 Technicians, Mapping
 Technicians, Mathematical
 Technicians, Mechanical Engineering
 Technicians, Museum
 Technicians, Nuclear
 Technicians, Occupational Health and Safety
 Technicians, Petroleum
 Technicians, Radiologic
 Technicians, Respiratory Therapy
 Technicians, Sound Engineering
 Technicians, Surveying and Mapping
 Technicians, Traffic
 Technicians, Video Equipment
 Technicians: Engineering, Except Drafters, All Other
 Technicians: Environmental Science and Protection, Including Health
 Technicians: Life Science, All Other
 Technicians: Physical Science, All Other
 Technicians: Protection, Including Health
 Technicians: Safety, Occupational
 Technicians: Social Science, All Other
 Technologists, Clinical Laboratory
 Technologists, Food
 Technologists, Medical and Clinical Laboratory
 Technologists, Nuclear Medicine
 Technologists, Radiologic
 Therapists, Radiation
 Therapists, Respiratory
 Therapy Technicians, Respiratory
 Topographer Mapper (see Cartographers and Photogrammetrists)
 Traffic Technicians
 Ultrasound Technologists (see Diagnostic Medical Sonographers)
 Urban and Regional Planners
 Veterinarians
 Video Editors
 Video Equipment Technicians
 Weather Forecaster (see Atmospheric and Space Scientists)
 Website Designer (see Network Systems and Data Communications Analysts)
 Wildlife Biologists
 Wildlife Technician (see Biological Technicians)
 X-Ray Technician (see Radiologic Technologists and Technicians)
 Zoologists and Wildlife Biologists

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section